UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/629,600	07/30/2003	Athena Christodoulou	300201985-3	6127

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HEWLETT PACKARD COMPANY
P O BOX 272400, 3404 E. HARMONY ROAD
INTELLECTUAL PROPERTY ADMINISTRATION
FORT COLLINS, CO 80527-2400

EXAMINER
LI, GUANG W

ART UNIT	PAPER NUMBER
2109	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/13/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

PTOL-90A (Rev. 10/06)

	Application No.	Applicant(s)
Office Action Summary	10/629,600	CHRISTODOULOU ET AL.
	Examiner	**Art Unit**	
	Guang Li	2109	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
   Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____ .

2a)☐ This action is **FINAL.**   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-18* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-18* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *07/30/2003* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☒ All b)☐ Some * c)☐ None of:

        1.☒ Certified copies of the priority documents have been received.

        2.☐ Certified copies of the priority documents have been received in Application No. _____ .

        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-SB/08)
    Paper No(s)/Mail Date <u>See Continuation Sheet</u>.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____ .

Continuation of Attachment(s) 3). Information Disclosure Statement(s) (PTO/SB/08), Paper No(s)/Mail Date :02/13/2004,05/18/2006,07/31/2006 .

DETAILED ACTION

Title

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Specification

2. The disclosure is objected to because it contains an embedded hyperlink and/or other form of browser-executable code. Applicant is required to delete the embedded hyperlink and/or other form of browser-executable code (page 3 line 10,15 and 35). See MPEP § 608.01.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

4. The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claim(s) 1-18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The limitation "predetermined relative priority" is vague and indefinite because it is unclear what is predetermined relative priority.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the

applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7.   Claim(s) 1-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Kotzin Pub. 2003/0163444 A1.Kotzin teaches the inventions as claimed including steps of downloading a first web page that contains hyperlinks to other webpage, in which the links are given a priority.

8.   Regarding claim 1, Kotzin teaches a method of browsing a website (Downloading of data and more particularly the downloading of web pages while browsing the web see ¶[0016]) which has a first web page with second and third links (downloading a fist webpage that contains hyperlinks to other WebPages; see abstract) second and third web pages (selecting links or hyperlinks contained in the web page or dataset see ¶[0021]) respectively, the method including the steps of:

> a.   subsequent to downloading address information of the second and third links on the first web page (Webpage corresponding to the hyperlinks contained in the first webpage are automatically downloaded; see abstract), but prior to actuation of either the second or third links, commencing the process of downloading the second and third web pages (Download other hyperlink page to memory and retrieved later when needed; see abstract); wherein
>
> b.   the process of downloading the second and third web pages is performed on the basis of a predetermined relative priority (priority list in PDL basis on the links with the highest number of selections or hit rate or frequency; see Fig. 5; ¶[0025] and ¶[0027]).

9.   Regarding claim 12, Kotzin teaches a method of operating a web server (device use the browser to access the web pages on the web server see ¶[0032]) comprising the steps of sending (System will transmit the initially requested webpage and in background of download any additional WebPages see ¶[0032]) to a client a web page containing two links to further pages, and including with the web page for each of the two links (all related hyperlinks (data set) in the first page see ¶[0019]) an associated relative priority (set the priority level to load the webpage in the initial page see Fig.6 and ¶[0028]) with which the further pages are to be pre-emptively downloaded (web page using hyperlinks contain the web pages being browsed see ¶[0017]) by the client.

10.   Regarding claim 16, Kotzin teaches a web page including first and second links to first and second further pages (First web page that contains hyperlinks to other web pages see abstract), each link having associated therewith a relative priority (related hyperlinks are given a priority level see ¶[0028]) with which the first and second further pages are to be pre-emptively downloaded (web page using hyperlinks contain the web pages being browsed see ¶[0017]) by a client displaying the web page (data or WebPages are stored as information transferred from source to display on the device's display see ¶[0022]).

11.   Regarding claim(s) 2,13 and 17, Kotzin teaches a method according to claim 1 wherein the predetermined relative priority provides predetermined relative download speeds (priority of downloading webpage basis on the PDL list to determined the download speed for other WebPages see Fig. 5; Fig. 6 and ¶[0027].) for the second and third pages and future pages.

12.   Regarding claim(s) 3 and 14, Kotzin teaches a method according to claim 2 and

13 wherein the download of the second and third pages takes place simultaneously

(The downloading of second webpage occur at the same time that the first webpage is

being downloaded see ¶[0019]), the relative speeds corresponding to their relative

priority (related hyperlinks are given a priority level see ¶[0028]).

13.   Regarding claim(s) 4,15 and 18, Kotzin teaches a method according to claim 1,

12 and 16 wherein the predetermined relative priority provides a predetermined order

(web pages corresponding to links are downloaded in the background in the order of

priority see ¶[0027].) for downloading the second and third pages and future pages.

14.   Regarding claim 5, Kotzin teaches a method according to claim 4 wherein the

download of one of the second and third pages only commences (while the first

webpage is displayed, the other web pages are stored in the memory see ¶[0024])

when download of the other of the second and third pages is complete (automatically

download other WebPages or other data that correspond to links contained in the first

WebPages see ¶[0024]).

15.   · Regarding claim 6, Kotzin teaches a method according to claim 1 further

comprising the step of downloading elements of content of the second and third pages

on the basis of a predetermined priority (device download only the links with the highest

priority first then second highest priority and so on. see ¶[0028]).

16.   Regarding claim 7, Kotzin teaches a method according to claim 1 further

comprising the step of storing the second and third web pages in cache memory

(WebPages corresponding the hyperlinks contained in the first web page are

automatically downloaded to the memory of the device see abstract; ¶[0019];¶[0024]) within the client.

17.   Regarding claim 8, Kotzin teaches a method according to claim 1 wherein the speed of downloading is controlled (use has the option to determined what point the downloading is terminate and update PDL list for future downloads the see ¶[0030]; ¶[0033]) by at least the client.

18.   Regarding claim 9, Kotzin teaches a method according to claim 8 wherein the relative speed of downloading of the second and third pages is controlled on the basis of instructions (PDL (500) with list of number frequency and prior level loading other pages see ¶[0028]) within the second and third links.

19.   Regarding claim 10, Kotzin teaches a method according to claim 1 wherein the first, second and third pages are all on the same website (any intentional selection within the first page links to another portion or section if the same site see abstract; ¶[0021]).

20.   Regarding claim 11, Kotzin teaches a method according to claim 1 wherein each of the links has a specific URL (hyperlinks are one means for pointing to or selecting a data source to transfer a webpage See Fig.6 element 614; 612 and ¶[0017]) which identifies uniquely the address within the network of a server (web pages retrieved from the web server for browsing see ¶[0032]) on which the second and/or third pages are hosted.

21.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Guang Li whose telephone number is (571) 270-1897. The examiner can normally be reached on Monday-Friday 7:30AM-5:00PM(EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeff Pwu can be reached on (571) 272-6798. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

GL

JEFFREY PWU
PRIMARY EXAMINER